B1

mapping the SQL call to a general computer language programming call of a computer application;

executing the general computer language programming call to invoke functions of the computer application that correspond to functions specified by the SQL call.

B2

5. (Amended) The medium of claim 4 wherein the application server receives the SQL call from a client computer system.

B3

8. (Amended) The medium of claim 6 further comprising validating data operation prior to issuing an SQL call to a database.

B4

10. (Amended) The medium of claim 9 wherein the step of mapping utilizes the database bridge map to map the SQL call to a general programming language call.

B5

16. (Twice Amended) The medium of claim 12 wherein design patterns are used to map the received SQL call to the general programming call.

B6

18. (Twice Amended) The medium of claim 1, wherein the SQL call received at the computer system is a first SQL database call and a column layout specified in the first SQL database call is different than a second SQL database call generated to a SQL database in response to executing the general computer language programming call.

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32. (Amended) A system for interfacing between a computer and a database, comprising:

a command converter operative to convert a first database programming language call received from the computer to a general computer programming language call that corresponds to the database programming language call; and

said system operative to execute said general computer programming language call and operative to generate a second database programming language call, which corresponds to the first database programming language call, to access a database.

B7

34. (Amended) The system of claim 33 wherein said computer is a client computer that generates said first database programming language call.

B8

36. (Amended) The system of claims 32 wherein said first and second database programming language calls are SQL calls.

B9

37. (Amended) The system of claim 36 wherein said first and second database programming language calls specify different column names.

40. (Amended) the system of claim 32 wherein said command converter comprises a mapping module that maps said first database programming language call to said general computer programming language call.

B10

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APPENDIX OF CLAIM AMENDMENTS

1. (Amended) A computer-readable medium, operative to serve as a database interface, having instructions which when executed by a computer system, comprise the following steps:

receiving a [database] Structured Query Logic (SQL) call at a computer system;

mapping the [database] SQL call to a general computer language programming call of a computer application;

executing the general computer language programming call to invoke functions of the computer application that correspond to functions specified by the [database] SQL call.

5. (Amended) The medium of claim 4 wherein the application server receives the [database] SQL call from a client computer system.

8. (Amended) The medium of claim [7] 6 further comprising validating data operation prior to issuing [the] an SQL call to a database.

10. (Amended) The medium of claim 9 wherein the step of mapping utilizes the database bridge map to map the [database] SQL call to a general programming language call.

16. (Twice Amended) The medium of claim 12 wherein design patterns are used to map the received [database] SQL call to the general programming call.

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18. (Twice Amended) The medium of claim 1, wherein the [database] SQL call received at the computer system is a first SQL database call and a column layout specified in the first SQL database call is different than a second SQL database call generated to a SQL database in response to executing the general computer language programming call.

32. (Amended) A system for interfacing between a computer and a database, comprising:

a command converter operative to convert a first database programming language call received from the computer to a general computer programming language call that corresponds to the database programming language call; and

said system operative to execute said general computer programming language call and operative to generate a second database programming language call, which corresponds to the first database programming language call, to access a database.

34. (Amended) The system of claim 33 wherein said computer is a client computer that generates said first database programming language call.

36. (Amended) The system of claims 32 wherein said first and second database programming language calls are SQL calls.

37. (Amended) The system of claim 36 wherein said first and second database programming language calls specify different column names.

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40. (Amended) the system of claim 32 wherein said command converter comprises a mapping module that maps said first database programming language call to said general computer programming language call.

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